

INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT/IB 03/03049	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H48/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16H B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT
--

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 203 901 A (DANA CORP) 8 May 2002 (2002-05-08) paragraph '0019! - paragraph '0024! figures 1-3,6 ---	1
X	US 2 620 055 A (LOUIS FASULO) 2 December 1952 (1952-12-02) column 3, line 10 -column 5, line 63 figures 2,3,6,7 ---	1,2
X	US 4 703 671 A (JIKIHARA YOSHIRO) 3 November 1987 (1987-11-03) column 3, line 19 -column 4, line 10 figures 1,3 ---	1,2
X	US 4 167 881 A (BELL DALE K ET AL) 18 September 1979 (1979-09-18) the whole document ---	1 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
2 March 2004	08/03/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Truchot, A

INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT/IB 03/03049	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 464 953 A (TAR LORANT) 14 August 1984 (1984-08-14) figure 1 ---	3, 4
A	FR 1 493 006 A (COMMELIN HYACINTHE MAURICE) 25 August 1967 (1967-08-25) column 2, line 5 - line 24 figure 2 ---	1
A	DE 11 61 483 B (JEAN RENE DUFOUR;MACH AGRICOLE ROTATIVES SIMAR) 16 January 1964 (1964-01-16) figures ---	1
A	US 5 030 181 A (KELLER WALTER) 9 July 1991 (1991-07-09) figure 1 -----	1

BEST AVAILABLE IMAGE